# Tropical Cyclone *Quick Reference Guide* 200

**U.S. Navy Atlantic Tropical Web Site:** https://www.nlmoc.navy.mil
**Atlantic Tropical Cyclone Update Line:** 757.444.7356
DSN 564.7356

Naval Atlantic Meteorology and Oceanography Center, 9141 Third Ave, Norfolk VA 23511-2394

***Atlantic*** **Tropical Cyclone Season: 01 June - 30 November**

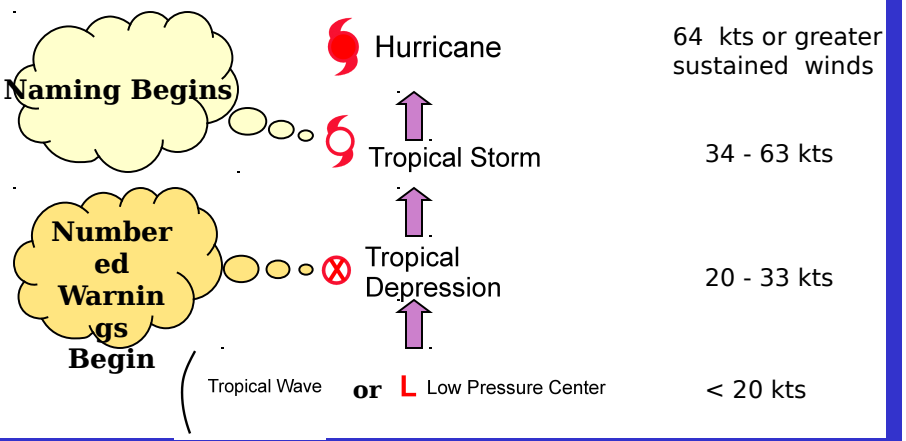
## 2004 Atlantic Tropical Cyclone Names

Alex
Bonnie
Charley
Danielle
Earl
Frances
Gaston
Hermine
Ivan
Jeanne
Karl
Lisa
Matthew
Nicole
Otto
Paula
Richard
Shary
Thomas
Virginie
Walter

## Tropical Cyclone Symbols

Tropical Wave
Tropical Depression
Low Pressure Center
Tropical Storm
Hurricane

## Stages of Tropical Cyclone Development

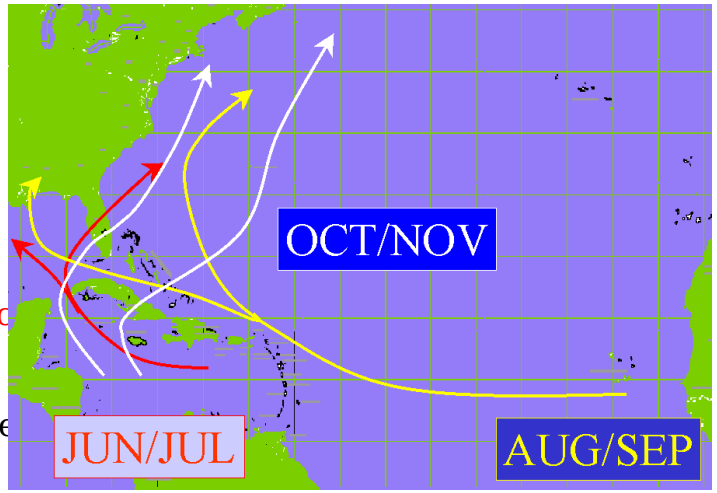



## Saffir-Simpson Scale - Hurricane Destruction Potential

| Category | Sustained Wind Speed (knots) | Sustained Wind Speed ( mph) | Storm Surge (ft) | Damage |
|---|---|---|---|---|
| 1 | 64 - 82 | 74 - 95 | 4 - 5 | Minimal |
| 2 | 83 - 95 | 96 - 110 | 6 - 8 | Moderate |
| 3 | 96 - 113 | 111 - 130 | 9 - 12 | Extensive |
| 4 | 114 - 135 | 131 - 155 | 13 - 18 | Extreme |
| 5 | > 135 | > 155 | > 18 | Catastrophic |

*NOTE*: Category 3, 4, & 5 are considered **MAJOR** hurricane

## Tropical Cyclones: Development Areas and Movement



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## D Tropical Cyclone Conditions of Readiness (COR)

*(time to onset of destructive winds)*

| | |
|---|---|
| **COR V** | Possible within 96 hours |
| **COR IV** | Possible within 72 hours |
| **COR III** | Possible within 48 hours |
| **COR II** | Anticipated within 24 hours |
| **COR I** | Anticipated within 12 hours |

## Sortie Conditions

**Charlie** - Prepare to sortie within **48** hours
**Bravo** - Expected sortie within **24** hours
**Alpha** - Commence sortie to sea

## National Hurricane Center Warnings

*(issued to general public)*

**Hurricane/Tropical Storm Watch**
36 hours

**Hurricane/Tropical Storm Warning**
24 hours

## Family Evacuation Considerations

- Maintain Disaster Supplies Kit
- Evacuation recommendations are made by civil authorities, not the base or ship.
- Plan to evacuate early.
- Ensure that someone knows where you are going; ( your command, friends or relatives )
- Take: proper identification, bedding material, important papers, cash, cell phone.
- Eat well before leaving.
- Take action to protect property left behind.
- Access back to your property may become limited.
- Monitor traffic and weather conditions.
- Go before strong (35kt) winds arrive.

## Disaster Supplies Kit

- 3-day supply of water (one gallon per person per day)
- 3-day supply of food that will not spoil
- canned food, can opener
- one change of clothing and footwear per person
- one blanket or sleeping bag per person
- a first aid kit, including prescription medicines
- emergency tools, including a battery-powered *NOAA* Weather Radio and a portable radio,
- flashlight, and plenty of extra batteries
- an extra set of car keys and a credit card or cash
- special items for infant, elderly, or disabled family members.

*This kit should be portable!*